

AMENDMENTS TO THE CLAIMS

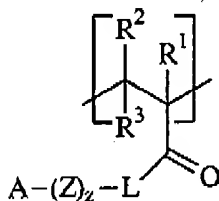
This listing of claims will replace all prior versions/listings of claims in the application:

Listing of Claims:

1. (previously presented) A detergent composition comprising:

(a) a polymeric suds stabilizer selected from the group consisting of:

(i) a polymer comprising at least one monomeric unit having the formula:



wherein

each of R^1 , R^2 and R^3 are independently selected from the group consisting of hydrogen, C_1 to C_8 alkyl, and mixtures thereof; L is O; Z is CH_2 ;

~~L is selected from the group consisting of O, NR^6 , SR^7R^8 and mixtures thereof, wherein R^6 is selected from the group consisting of hydrogen, C_1 to C_8 alkyl and mixtures thereof; each of R^7 and R^8 are independently hydrogen, O, C_1 to C_8 alkyl and mixtures thereof, or SR^7R^8 form a heterocyclic ring containing from 4 to 7 carbon atoms, optionally containing additional hetero atoms and optionally substituted; Z is selected from the group consisting of: (CH_2) , $(\text{CH}_2\text{CH}=\text{CH})$, (CH_2CHOH) , $(\text{CH}_2\text{CHNR}^6)$, $(\text{CH}_2\text{CHR}^{14}\text{O})$ and mixtures thereof; wherein R^{14} is selected from the group consisting of hydrogen, C_1 to C_6 alkyl and mixtures thereof;~~

z is an integer selected from about 2 to about 12;

A is NR^4R^5 , wherein each of R^4 and R^5 are independently selected from the group consisting of hydrogen, C_1 to C_8 alkyl, and mixtures thereof, or NR^4R^5 form an heterocyclic ring containing from 4 to 7 carbon atoms, optionally containing additional hetero atoms, optionally fused to a benzene ring, and optionally substituted by C_1 to C_8 hydrocarbyl;

(ii) a proteinaceous suds stabilizer having an isoelectric point from about 7 to about 11.5;

(iii) a zwitterionic polymeric suds stabilizer; and

(iv) mixtures thereof;

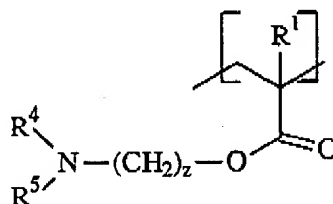
and wherein said polymeric suds stabilizer has a molecular weight of from about 1,000 to about 2,000,000 daltons;

- (b) a deterative surfactant;
- (c) an amine oxide; and
- (d) carriers and optionally, other adjunct ingredients.

2. (previously presented) A composition according to Claim 1, wherein said polymeric suds stabilizer comprises a molecular weight of from about 5,000 to about 1,000,000.

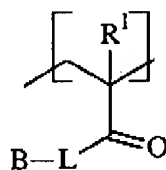
3. (previously presented) A composition according to Claim 1, wherein said polymeric suds stabilizer is a copolymer of:

(i)

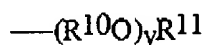


wherein R^1 , R^4 , R^5 and z are as hereinbefore defined; and

(ii)

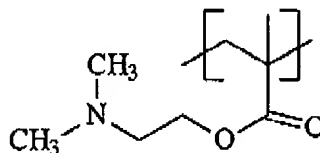


wherein R^1 and L are as hereinbefore defined, and B is selected from the group consisting of hydrogen, C_1 to C_8 hydrocarbyl, NR^4R^5 , and mixtures thereof; wherein each of R^4 and R^5 are independently selected from the group consisting of hydrogen, C_1 - C_8 linear or branched alkyl, alkyleneoxy having the formula:



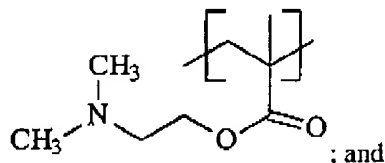
wherein R^{10} is C_2 - C_4 linear or branched alkylene, and mixtures thereof; R^{11} is hydrogen, C_1 - C_4 alkyl, and mixtures thereof; y is from 1 to about 10, or NR^4R^5 form a heterocyclic ring containing from 4 to 7 carbon atoms, optionally containing additional hetero atoms, optionally fused to a benzene ring, and optionally substituted by C_1 to C_8 hydrocarbyl; wherein ratio of (i) to (ii) is from about 99:1 to about 10:1.

4. (previously presented) A composition according to Claim 1, wherein said polymeric suds stabilizer is a homopolymer of:

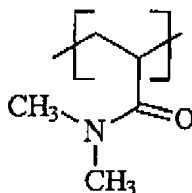


5. (previously presented) A composition according to Claim 1, wherein said polymeric suds stabilizer is a copolymer of:

i)

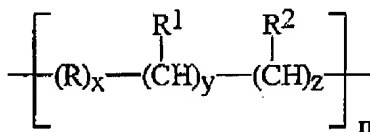


ii)



Claims 6-7 (canceled)

8. (previously presented) A composition according to Claim 1, wherein said zwitterionic polymeric suds stabilizer has the formula:



wherein R is C₁-C₁₂ linear alkylene, C₁-C₁₂ branched alkylene, and mixtures thereof; R¹ is a unit capable of having a negative charge at a pH of from about 4 to about 12; R² is a unit capable of having a positive charge at a pH of from about 4 to about 12; n has a value such that said

zwitterionic polymers suds stabilizer has an average molecular weight of from about 1,000 to about 2,000,000 daltons; x is from 0 to 6; y is 0 or 1; and z is 0 or 1.

9. (previously presented) A composition according to Claim 8, wherein said zwitterionic polymeric suds stabilizer has an average molecular weight of from about 5,000 to about 1,000,000 daltons.

Claims 10-15. (canceled)

16. (previously presented) A composition according to Claim 1 wherein said polymeric suds stabilizer is selected from the group consisting of a homopolymer, a copolymer, a terpolymer and mixtures thereof.

17. (previously presented) A composition according to Claim 1 wherein said composition further comprises a deterative surfactant selected from the group consisting of anionic surfactants, nonionic surfactants, amphoteric surfactants, zwitterionic surfactants, cationic surfactants, and mixtures thereof.

18. (previously presented) A composition according to Claim 1 wherein said composition is in a form selected from the group consisting of granules, tablets, liquids, liquid-gels, gels, microemulsion, thixotropic liquid, bars, pastes, powders and mixtures thereof.

19. (previously presented) A composition according to Claim 1 wherein said composition is selected from the group consisting of liquid laundry compositions, liquid hard surface cleansing compositions, automatic dishwashing compositions, fabric softening compositions, rinse aid compositions, and mixtures thereof.

20. (canceled)

21. (previously presented) A composition according to Claim 1 wherein said composition is a nonaqueous, liquid, heavy-duty detergent composition in the form of a stable suspension of solid, substantially insoluble particulate material dispersed throughout a structured, surfactant-containing liquid phase, wherein said nonaqueous, liquid, heavy-duty detergent composition further comprises:

- i) from about 55% to about 98.9% by weight of the composition of a structured, surfactant-containing liquid phase formed by combining:
 - ii) from about 1% to about 80% by weight of said liquid phase of one or more nonaqueous organic diluents; and
 - iii) from about 20% to about 99% by weight of said liquid phase of a surfactant system comprising surfactants selected from the group consisting of anionic, nonionic, cationic surfactants and combinations thereof.
22. (previously presented) A composition according to Claim 1 wherein said composition is an aqueous based heavy-duty liquid detergent composition, wherein said aqueous based liquid detergent composition further comprises:
- A) from about 5% to about 70% by weight of composition, of a surfactant system;
 - B) from about 0.1 to about 8% of a co-surfactant composition selected from the group consisting of alkyl polyhydroxy fatty acid amide, alkyl amidopropyl dimethyl amine and mixtures thereof; and
 - C) from about 30% to about 95%, of an aqueous liquid carrier.
23. (previously presented) A composition according to Claim 1 wherein said composition is an laundry bar composition, wherein said laundry bar further comprises detergent additives selected from the group consisting of builders, bleaching compounds, polymeric dispersing agents, anti-deposition agents, polymeric soil release agents, enzymes, surfactants and mixtures thereof.
24. (previously presented) A composition according to Claim 1 wherein said composition is granular laundry detergent composition, wherein said granular laundry detergent composition further comprises detergent additives selected from the group consisting of builders, bleaching compounds, polymeric dispersing agents, anti-deposition agents, polymeric soil release agents, enzymes, surfactants and mixtures thereof.
25. (previously presented) A composition according to Claim 1 wherein said detergent surfactant is an anionic surfactant having skin irritating characteristics and is selected from the group consisting of C₈-C₁₈ alkyl benzene sulfonates, C₈-C₁₈ alkyl sulfates containing from 0 to 3 ethenoxy groups in the molecule, C₈-C₂₅ olefin sulfonates, C₁₀-C₂₀ paraffin sulfonates, C₈-C₉ alkyl phenol ethoxamer sulfates, and mixtures thereof.

26. (currently amended) A composition according to Claim 1 wherein said composition further comprises an anionic surfactant, ~~an amine oxide~~, an enzyme and mixtures thereof, wherein said enzyme is selected from the group consisting of amylase, protease and mixtures thereof.